

the gene. An inducible (isopropyl- β -D-thio-galactopyranoside) T7 phage promoter controls expression of the insert and the plasmid also contains a kanamycin resistance gene. This plasmid is used for expression of the vaccine in *E. coli* strain BL-21 host cells.--

IN THE SEQUENCE LISTING

Kindly replace pages 70-95 of the Sequence Listing with herein submitted pages 70-99 of Sequence Listing.

IN THE CLAIMS

Kindly amend the claims as follows.

C 3 Sub G 2 } 4 (Amended). An isolated and purified DNA fragment according to claim 1, wherein said superantigen toxin is Staphylococcal enterotoxin B having the sequence of SEQ ID NO:5 or a portion thereof [, or an allelic portion thereof].

5 (Amended) An isolated and purified DNA fragment according to claim 1, wherein said superantigen toxin is Staphylococcal enterotoxin B having the sequence of SEQ ID NO:7 or a portion thereof [, or an allelic portion thereof].

C 4 } 6 (Amended). An isolated and purified DNA fragment Sub G 3 } according to claim 1, wherein said superantigen toxin is Staphylococcal enterotoxin B having the sequence of SEQ ID NO:9 or a portion thereof [, or an allelic portion thereof].

C 5 } E Sub G 4 } 12 (Amended). An isolated and purified DNA fragment according to claim 4, wherein said fragment encodes the amino acid sequence of SEQ ID NO:6 or a portion thereof [, or an allelic portion thereof].

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13 (Amended). An isolated and purified DNA fragment according to claim 5, wherein said fragment encodes the amino acid sequence of SEQ ID NO:8 or a portion thereof [, or an allelic portion thereof].

E
14 (Amended). An isolated and purified DNA fragment according to claim 8, wherein said fragment encodes the amino acid sequence of SEQ ID NO:10 or a portion thereof [, or an allelic portion thereof].

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18 (Amended). A recombinant DNA construct comprising [:] [(i)] a vector[, and] containing [(ii)] an isolated and purified altered ^{Staphylococcal enterotoxin B} superantigen toxin DNA fragment according to claim 1.

C1 Sub 5
21 (Amended). A recombinant DNA construct according to claim 18, wherein said DNA fragment has the sequence according to SEQ ID NO:5 or a portion thereof [, or an allelic portion thereof].

22 (Amended). A recombinant DNA construct according to claim 18, wherein said DNA fragment has the sequence according to SEQ ID NO:7 or a portion thereof [, or an allelic portion thereof].

23 (Amended). A recombinant DNA construct according to claim 18, wherein said DNA fragment has the sequence according to SEQ ID NO:9 or a portion thereof [, or an allelic portion thereof].

C8
44 (Amended). [A] An isolated host cell transformed with a recombinant DNA construct according to claim 18.